



CURRICULUM VITAE

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Professor of Neurology, Internal Medicine & Medical Education-RAK Medical & Health Sciences UAE

Sudan Medical Specialization Board & Arab Board for Health Specialization

Faculty of Medicine-International University of Africa (ex)

Consultant Neurologist-Khartoum Teaching Hospital & Bashayr University Hospital-Sudan (ex)



أ.د. عمر العادل محمد الله حامد محمد

زمالة الكلية الملكية البريطانية-لندن المملكة المتحدة

دكتوراة الطب الباطن-المجلس القومي السوداني للتخصصات الطبية

الماجستير التخصصي الاكلينيكي لعلوم وأمراض المخ والأعصاب-جامعة لندن بالمملكة المتحدة،

ماجستير التعليم الطبي وتعليم المهن الصحية-المجلس القومي السوداني للتخصصات الطبية

جامعة رأس الخيمة للعلوم الطبية والصحية-الإمارات العربية المتحدة

المجلس السوداني للتخصصات الطبية

المجلس العربي للإختصاصات الصحية

كلية الطب جامعة أفريقيا العالمية (سابقا)

استشاري المخ والأعصاب-مستشفى الخرطوم التعليمي و مستشفى بشائر الجامعي- السودان (سابقا)

Nov 2023



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Personal details

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Skype:omereladil hamid
Date of Birth: 1st Jan 1968, 55 years
Current Nationality: Sudanese
Health Status: Good
Marital Status: Married with two sons.
Language Skills: Fluent in Arabic & English.
E-Learning Skills: User of Microsoft Office Word, Excell, PPT, Outlook & Internet Explorer, SPSS,
Zotero, Mendeley & EndNote
:
Moodle LMS, Zoom, WizIQ, etc.

Professional registrations

Sudan Medical Council:

- Consultant Neurologist Registration (إستشاري المخ والأعصاب)
26/07/2020, No. 8: Neurology
- Consultant Physician Registration (إستشاري الطب الباطن)
26/7/2020, No. 509: Internal Medicine.
- Physician Neurologist (إختصاصي)
10/10/2012, No. 35:Neurology
- Specialty Registration (إختصاصي)
22/9/2008, No. 659:Medicine.
- Full Registration Medical Practioner (التسجيل الدائم)
12/3/97, No. 8622
- Preliminare Registration (التسجيل التمهيدي)
16/10/93, No. 8622.

Royal College of Physicians & Surgeons

- FRCP London 115129; March 2017

Qualifications

- Fellowship of the Royal College of Physicians (FRCP), London, UK 2017.
- Master's Degree in Clinical Neurology, UCL/Queen Square-London- UK; 2011.
- MD Internal Medicine-SMSB; 2008.
- Diploma in Medical & Health Professions Education, SMSB; 2017.
- Master's degree in Medical & Health Professions Education, SMSB; 2020.
- Higher Certificate in Clinical Leadership-Joint program-Leeds University UK & SMSB; 2017.
- MBBS Faculty of Medicine Gezira University Sep 1993; (*Internship; 1993-1995, Hardship & National Obligatory Service; 1995-1997, General Practitioner & NGOs Work; 1997-2002, TA Physiology Department & Problem Based Learning Program FM-IUA; 2002-2004, Clinical MD Residency Program, SMSB; 2004-2008*)
- MS International Virtual MasterClass; 2020.
- Postgraduate Certifications in Student Assessment, Research Methodology, Supervision, Work Place Based Assessment, Curriculum Design, Simulation & e-learning, SMSB duration 2002-2017.
- Potential Instructor ALS European Resuscitation Council ERC 2016.

Current position (up to date 2023):

- Professor of Internal Medicine & Neurology; RAK Medical & Health Sciences RAKMHSU UAE 15 August 2023
- Director Center of Education Development & Research CEDAR at RAKMHSU UAE 27 August 2023
- Chair of the Arab Board Neurology SubSpeciality
- Committee Associate Professor of Internal Medicine & Neurology; Faculty of Medicine IUA; 2013.
- Consultant Physician Neurologist; Khartoum Teaching Hospital & Bashayr University Hospital; 2016.
- Member of the Central Assessment & Central Curriculum Committee SMSB & IUA; 2019
- Head & Advisor of the Accreditation Team Faculty of Medicine-IUA; 2014
- Member & Rapporteur of the Exam License Committee; Sudan Medical Council; 2022.
- Accreditation Surveyors for WFME/Sudan Medical Council; 2022
- Accredited trainer; Sudan Medical Specialization Board for Internal Medicine, Neurology & Psychiatry. 2012, Arab Health Specialization Board for Internal Medicine 2019 & Neurology 2022.

Last positions:

- Dean Faculty of Medicine (FM-IUA); April 2016 to June 2020.
- Deputy Dean FM-IUA; 2013-2014.
- Acting Dean FM IUA; 2013.
- Director of Educational Development & Research Center IUA; 2010- 2013.
- Director of Educational Development, Curricula & Research Center AHS; 2008-2010.
- Director of Simulation Center SMSB; 2016-2019.
- Consultant Physician & Head of the unit- Ibrahim Malik Teaching Hospital-K Sudan; 2008-2010.
- Assistant Director Research, Staff & Curriculum Development Centre; FMOH Academy of Health Sciences AHS (part-time 2008-2010).
- Parttime Consultant Educationalist AHS; 2011-2014.
- Parttime Consultant Neurologist-Neurology Department Alshaab Teaching Hospital. Khartoum Sudan; 2011-2013.
- ER Consultant Neurologist IMTH; 2012- 2014.
- Academic Advisor for the Research, Staff & Curriculum Development Centre & deputy dean-Academy of Health Sciences (AHS) FMOH Khartoum Sudan; 2012-2013 (Part-time).
- Deputy Director of Educational Development SMSB; 2014-2016 (Part-time).
- Cultural Secretary of Sudanese Association of Physicians (SAP); 2014-2015.

- Rapporteur of Scientific Committee of the 28th, 29th & 30th Scientific conference of SAP; 2014 to 2018.
- Academic Advisor for the Research, Staff & Curriculum Development Centre-Academy of Health Sciences (AHS) FMOH Khartoum Sudan 2012-2018.

International Scientific & Professional Committees' Memberships (up to date 2023)

- Sub-Saharan Africa Multiple Sclerosis HCP Advisory Board, 2020
- Member of Central Accreditation Committee Arab Specialization Board 2021.
- Founding member of the Neurology Speciality Committee Arab Specialization Board; 2022.
- Member of Accreditation Committee SMC/WFME 2022.
- Secretary General Sudan Chapter of International League Against Epilepsy ILAE March 2023

National Scientific & Professional Committees' Memberships (up to date 2023)

- Technical Advisor Sudan National Formulary; FMOH 2016.
- Head of Curriculum Committee of Internal Medicine Council; SMSB; 2016, & MD Neurology Council; SMSB; 2017.
- Advisor of the SMSB Tropical Diseases Speciality 2023
- Deputy Secretary-General Sudanese Association of Physicians; 2017
- Academic Secretary of Sudanese Association of Neuroscience; 2018.
- Founding Member of African Specialization Board IUA; 2018
- Rapporteur of Scientific Committee of Sudan Association of Physicians SAP; 2010-2018.
- Member of Sudanese Evidence-Based Medicine; 2012-2019
- Supervisor of the Clinical Simulation Center SMSB; 2019.
- Patron of African Medical Student Association AMSA IUA 2013-2020.
- Sub-Saharan Africa Multiple Sclerosis HCP Advisory Board, 2020
- Member of Federal Ministry of Health (FMOH) Clinical Advisory Board; 2020.
- Member of the Committee Guidelines for PHC-Directorate General of Pharmacy-FMoH; 2020
- Rapporteur of Internal Medicine Higher Consultancy Committee–FMOH 2013-2020, then a member of the newly appointed committee.

RAK Medical & Health Sciences Standing Committees

- Centre for Education Development & Research (CEDAR) (Co-chair & Member)
- Continuing Medical Education Committee (Member & Secretary)
- University Council
- University Curriculum Committee
- Assessment Committee (Member)
- Human Ethics Committee (Member)
- Disciplinary Committee (Co-chair & Member)
- Postgraduate Studies Committee (Member)

IUA committees

- Adviser & member of the IUA- Faculty of Medicine (FM) accreditation committee.
- As ex-dean of the Faculty of Medicine, I participated in the Scientific & Admin committees & councils: Scientific Council, Senate, Higher Examination Committee, Higher & Postgraduate Committee, Admission Committee, Board of Trustee, & IUA Financial Council.
- Committee of IUA Norm-referenced Exam Regulation.
- IUA Central Committee of Electronic & Online Learning.
- IUA-Central Assessment Committee, Electronic Learning, Curriculum & Research Development.

Hospital & Social Committees

- Accreditation & faculty enhancement neuroscience committee Bashayr University Hospital.
- Advisor of COVID Public Awareness Committee Alkadru Khartoum North 2019

- Member of Elshiekh Hamid Mosque Committee.
- Member of Education development in Alkadru- Khartoum North.
- Member of Faisal Bank Public Awareness & Social Accountability Forum.
- Health Education awareness talk IUA-African TV Channel & Samha Alafia Tayba TV Channel

Achievements

- Intellectual Property Registration for memory & dementia testing under No. 20283 /A/ 2022AD 22K dated April 12, 2022AD; 'A new cognitive screening tool for a low-income country: Sudan Cognitive Assessment Test (SuCAT).' 12 أكتوبر 2022 م /ع/ 20283 بالخرف بالرقم 2022 م أبريل 2022 م
- Internal Medicine Price University of G-Sudan; 1993
- A/A+ Master's degree in Health Professions Education SMSB; 2019
- Best Research Sudan Association of Physicians; 2019

Accredited trainer for:

- MSc Medical & Health Professions Education; IUA & SMSB; 2018.
- MD Neurology Postdoctoral Training SMSB; 2016.
- Thesis supervision & viva examination MD Internal Med & Neurology SMSB; 2013,
- The Medical registrar/residents for General & neurology Shifts; Internal Medicine Council SMSB. From 2008 to 2010. Then, from 2012 to the present.
- Undergraduate medical students 2008-2010, then 2012.
- SMSB Speciality postgraduate residents in Family Medicine, Immunology & Psychiatry; 2018.

Papers & Research

1. **O. Eladil A. Hamid.** A new cognitive screening tool for a low-income country: Sudan Cognitive Assessment Test (SuCAT); phases for implementation.

&

The new Sudan cognitive assessment tool (Sucat) is a potential early detector for low-income countries that surpasses the limitations of MMSE & MoCA.

وتم نشره خارجياً في مجلة

Journal of the Neurological Sciences Volume 429, Supplement, October 2021, 119022 DOI; <https://doi.org/10.1016/j.jns.2021.119022> Elsevier <https://www.sciencedirect.com/journal/journal-of-the-neurological-sciences>.

وتم عرضه في عدة مؤتمرات خارجية

- XXV World Congress of Neurology, taking place virtually on October 3-7, 2021,
 - 17th Pan Arab Union of Neurological Societies (PAUNS) Congress Cairo Egypt Feb 2020.
 - 15th World Congress on Dementia & Alzheimer's Disease (accepted for a virtual presentation)in London, UK; Nov 21-22, 2022.
2. Elsayed M, **Hamid Omer Eladil AA**, Tonga R, Elsadig SM, Ahmed MH, Ahmed M, et al. The Pattern of Neurological Disorders; Revisited Prevalence Data of a Dedicated Neurology Clinic in Sudan. CRCM Journal. **2021**;10(11):339–58. DOI: 10.4236/crcm.2021.1011043
 3. Elagib MAA, **Hamid OEA**. The Health-related Quality of Life of Sudanese Patients with Idiopathic Parkinson's Disease. International Journal of Neurological Disorders. **2020** Jan;4(1):13–20. ISSN: 2639-7021.
 4. Omer Abdelaziz Musa, Ibrahim Abdelrhim Ali, Magbola, Mohammed Hussein, **Omer Aladil A. Hamid**, Bashir Hamad. Modified Problem-Based Learning MPBL: A New Approach in Medical Education. Journal of Medical Education & Training. **2020**;4(1):4:047.

5. Muaz A.M., **O Eladil**, Elsadig S., Ahmed M., Noori S. Challenging neurological presentations of varicella virus infections in Sudan: Clinical features, imaging and recommendations. *J Family Med Prim Care* 8, 2161. **2019**. https://doi.org/10.4103/jfmpc.jfmpc_183_19
6. Hussein, Malk Aldar M, **Al Adil O**, Siddig A, Ali A, Adil Taha M, et al. Post-Stroke Epilepsy in Sudan. *Journal of the Neurological Sciences*. **2017** Oct;381:1143.
7. **Hamid O E**, Taha MAO, Balla SA, Hussien A. Stigma of epilepsy among patients & their relatives attending charity clinic, Omdurman-Sudan. *Journal of the Neurological Sciences*. **2013** Oct;333:e61–2. <http://khartoumspace.uofk.edu/123456789/22349>.
8. **O. Eladil**. The objectivity of Standardized Patients SPs Assessment: do SP assessments correlate with expert examiners' assessments in Communication Skills OSCE Station (CSOS)? Oral Presentation *AMEE Ottawa Conferences. Assessment of health professionals & evaluation of programmes: Best practice & future development. Kuala Lumpur*. March **2020**. www.ottawaconference.org
9. **O. Eladil** Sudan Dementia Status: New Sudan Cognitive Assessment Tool (SuCAT) to replace MoCA & MMSE for illiterates). Oral Presentation *17th Pan Arab Union of Neurological Societies (PAUNS) Congress Cairo Egypt* Feb **2020**.
10. Elaalem A, **El-Adil O**. Relative risk factors of Bell's palsy among Sudanese patients in Khartoum state. *Journal of Neurology & Neuroscience*. **2017** Dec . <https://www.imedpub.com/proceedings/relative-risk-factors-of-bells-palsy-among-sudanese-patients-in-khartoum-state-2016-1083.html>
11. **O Eladil**. Sudan. Dementia Status: the anvil & the hammer; between the limitations of the known cognitive neuropsychological tests & the validity of the new SuCAT (Sudan Cognitive Assessment Tool) 7th Neurology & Neuroscience Conference; Khartoum Sudan. 19 Jan **2018**
12. **O. Eladil**. The Status of Health Sciences Research in Africa; Past & Present. Research gaps in Africa. Conference. The International University of Africa IUA. Khartoum Sudan **2018**
13. **O Eladil**, M.S. Almajzoub. EMG/NCS Case study of Hypokalaemia masking Guillian Barre Syndrome. 6th Neurology & Neuroscience Conference; Khartoum Sudan. **2016**.
14. **O. Eladil**. Dementia Score for Sudanese people Sudan Association of Physicians SAP; 29th Conference. Khartoum Sudan. **2015**.
15. **O Eladil**. Clinical correlates & pathogenic implications with the presumed immune associations in seropositive & seronegative Myasthenia Gravis, Oral Presentation. Sudan Association of Physicians SAP conference; Portsudan Sudan. **2013**.
16. World Congress of Neurology WCN 19-1075 JNS 405S (2019) 104608 Poster Session 2 Valvular lesions & epilepsy Abbasher K, AlHusseini RT, Sidig A, Digna MF, Hussien A, Abbasher **O. Eladil**, et al. Valvular lesions & Epilepsy. **2020** Oct.
17. World Congress of Neurology WCN. Elsayed M, **Eladil O**, Elsadig S, Noori S. Cases of neuroferritinopathy from Sudan. *Journal of the Neurological Sciences* 405:26; **2019**
18. World Congress of Neurology WCN19-1077. Epilepsy among elderly Sudanese patients. A. Hussein, **O. Eladil**, et al. Volume 405, Supplement, 67-68, October 15, **2019**. DOI:<https://doi.org/10.1016/j.jns.2019.10.895>
19. World Congress of Neurology WCN19-0813 405S Poster Session 4 Prevalence of depression among Sudanese patients with myasthenia gravis A. Siddig, A. Hussein, **O. Aladil**, H. Abbashare, M. Abbashar, M. Alamin, K. Mohamed Ahmed Abbasher. **2019** 105216
20. World Congress of Neurology WCN19-1077 *Journal of the Neurological Sciences* 405S (2019) 104609. The quality of life among adult Sudanese patients with epilepsy A. Hussein, Y.E. Awada, M.M. Aldara, Y.A. Osman, S.A. Elhassan, **O. Eladil**, K.H. Hajnoor, K. Mohamed Ahmed Abbasher, Tofaha.

21. World Congress of Neurology WCN19-0059, Journal of the Neurological Sciences 405S (2019) 105145 Poster Session 4 Grading of Bell's palsy among Sudanese patients in Khartoum STATE 2016 A. Elaalema, M.K.M. Elnimeirib, **O.E.A. Hamid**. 2019.
22. World Congress of Neurology WCN19-0958. Frequency of neurological deficits in Sudanese lepomatous patients. Journal of the Neurological Sciences: A. HusseinA. SidigM.M. EldarK. Hag NourK. Mohamed Ahmed Abbasher **O. Eladil** et al. Vol. 405. October 15, **2019**.
23. World Congress of Neurology WCN19-0894. Hussein A, Mahdi TF, Ibrahim MA, Ibrahim ZIH, Alwalid MA, Abbasher KMA, **O Eladil** et al. Hippocampal sclerosis among Sudanese patients with concomitant epilepsy & psychogenic non-epileptic seizures. Journal of the Neurological Sciences. **2019** Oct;405:75.
24. World Congress of Neurology WCN19-0937 Journal of the Neurological Sciences 405S Poster Session 2 Pseudoepilepsy among adult Sudanese epileptic patients A. Hussein, F. Yassiena, A.A. Aliba, A. Siddig, **O. El-aAdil** E.M. Mahmoud, M.A. Ahmed, H. Abbashar, M.M. Aldar, M. Abbashar, K. Mohamed Ahmed Abbasher. **2019** 104583 DOI:<https://doi.org/10.1016/j.jns.2019.10.921>.
25. Shadia I, Hussein A, Amira S, Faroug Y, Ahmad B, O Gadour M, **Omer-Aladil**, et al. Stroke in women (Sudanese experience). AJSIR. **2011** Apr;2(2):157–60.
26. **O. Eladil**. Essential art in medicine; Communication Skills, Vol 5, No 1 ISSN:1990-7567, Jan 2010.
27. Omer Hussein A, Abdulgalil F, Eltoum H, Hamad A, **El-Adil O**, et al. Correlation between Serum Level of Antiepileptic Drugs & their Side Effects. OMJ. **2010**. <http://www.omjournal.org/OriginalArticles/>
28. Correlation between Retinopathy, Nephropathy & Peripheral Neuropathy among adult Sudanese diabetic patients, 12th PAUNS Congress in Damascus May **2010**.
29. T A Hussein, A Mohamed, A Younis, HA Eltoum, A Sidig, KK Alla, **OA Adil**, A Hammad, M Malk, AE Tahir, MOH Gadour. The patterns of clinical presentation of the cerebellar syndrome among Sudanese patients. Sudan Journal of Medical Sciences SJMS vol.4 No.2 June **2009** DOI: [10.4314/sjms.v4i2.44896](https://doi.org/10.4314/sjms.v4i2.44896)
30. The prevalence of neurological complications among Adult Sudanese diabetic patients. Sudanese Journal of Public Health SJPH, Volume 4, Number 3, July **2009**.
31. Abbashar h, Amira S. **O Eladil**. Study of knowledge, attitude & practice towards epilepsy among relatives of epileptic patients SJPH, Vol 4 No. 4, **2009**.
32. **O. Eladil**. Evaluation of Kidney Recipients Ten Years Post Transplantation. Unpublished Thesis for partial fulfilment of MD; **2007**
33. World Congress of Neurology XXVI; Montreal, Canada, during October15-19 2023:
 - i. Frequency of thrombocytopenia with intracerebral haemorrhage among adult Sudanese patients in Khartoum Neurology Centre Sep 2019-Jan 2020,
 - ii. The Montreal cognitive assessment moca & mini-mental state examination mmse are the most frequently used screening tests. Known limitations are observed in Sudan,
 - iii. Health-related quality of life among women with epilepsy during their reproductive years in Khartoum state from July to September 2022
 - iv. Evaluation of ischaemic stroke patterns among adult Sudanese patients using MRI & CT images.
 - v. The correlation of the clinical & MRI brain findings in idiopathic intracranial hypertension. Khartoum state, 2022

Attendance of international & national conferences & workshops

1. Accreditation workshop within the Arab Council in the Dead Sea-Hashemite Kingdom of Jordan. February 2023.
2. Policymaking & sustainable health systems; a paper presented in the African Medical Students' Association, International University of Africa (AMSA-IUA) 7th & 8th January 2023
3. Paraplegia (medical review): a paper presented at the Second Spine Conference. Sudanese Spine Society Khartoum Sudan Dec 2022
4. 74th Annual Meeting of the American Academy of Neurology Annual Meeting: Virtual online; April 24–26, 2022.
5. 7th Congress of the European Academy of Neurology; 19-21 June 2021
6. Royal College Physicians & Surgeons Canada Can Health CyberPatient's Simulation Four Online Webinars June/July **2020** Presented a talk about FM-IUA Integrated Curriculum.
7. ZOOM meeting about Clinical Simulation joint between the Royal College of Physicians & Surgeons Canada & SMSB Oct **2020**.
8. The 24th World Congress of Neurology (WCN) in Dubai, United Arab Emirates, October **2019**.
9. EDC IUA SERIAL Medical Education Workshops in BPL, Assessment Curriculum & Course Design. **2016-2019**.
7. Sudanese Association of Physicians 26th to 31st **2013- 2018**.
8. Association for Medical Education in Europe (*AMEE*) Conference Barcelona, Spain.; August **2016**.
9. Introducing EBM in Undergraduate Curriculum Sudanese League of Faculties of Medicine August **2016**.
- 10.TBL workshop Faculty of Medicine IUA Sep **2014**.
- 11.The Conferences of Sudanese Neurosciences Society; **2013-2018**.
- 12.The 25th Conference of Sudan Association of Physicians Khartoum Feb **2012**.
- 13.Regional Workshop on E-Learning & Assessment, organised by The Scientific Society of Medical Schools in the Arab World in collaboration with The Sudanese Association of Medical & Health Sciences Schools in Khartoum, Sudan, 17-19 March **2012**.
- 14.Sudan Medical Council, Consensus workshop on the Teaching Modules of Professionalism 31st 3 **2012**.
- 15.Workshop The 3rd conference of Chest Physician Association Khartoum April **2012**.
- 16.PBL workshop- Faculty of Medicine IUA Sep **2012**.
- 17.11th Annual Course Neuroradiology & Functional Neuroanatomy-UCL London UK; April **2011**.
- 18.Workshop on how to conduct OSCE. The University of Medical Science & Technology-Sudan Sep **2011**.
- 19.Workshop on Training Need Assessment WHO-Nuffield Center for International Health & Development, University of Leeds UK with CPD Sudan **2010**.
- 20.Preconference 23rd conference of Physicians about PACES **2010**.
- 21.23rd Conference of Sudan Association of Physicians Khartoum **2010**.
- 22.3rd Conference of the Sudanese Neuroscience Society, Faculty of Medicine University of Khartoum 21-25th February **2010**.
- 23.International Training of Trainers, African Medical & Research Foundation AMREF July **2010**.
- 24.Research Methodology AHS- FMOH **2009**
- 25.The Third International Conference on Medical Education in Sudan & the Sixth Scientific Meeting of the Association of the Medical Schools in the Arab World October November **2009**
- 26.Preconference Medical Education 3rd Workshops External Validation &
- 27.Preconference Accreditation of Medical Schools, Prof Sam Lenieaster UK **2009**
- 28.Preconference Medical Education 3rd Workshops, Effective feedback – Why, who & how not to do it., Prof Deborah Murdoch-Eaton, Leeds UK; **2009**

29. Preconference Medical Education 3rd Workshops, Planning & Producing an OSCE, Prof James Ware; **2009**
30. Workshop Reviewing Curriculum of the Faculty Of Medicine IUA 2009- Workshop Accreditation & authoring Midwifery curriculum Gezira University **2009**.
31. 20th, 21st, 22nd, 26th & 27th Conference of Sudan Association of Physicians **2008-2009-2012, 2013-2014**.
32. Workshop Introduction to Curriculum Design & Student Assessment Sudan FMOH **2008**
33. Medical Journal Editing SJPH **2007**
34. Conference of Sudanese Community Physician **2006**.
35. Workshops in Assessment, Standard Setting, Central Assessment Committee, Curriculum Design SMSB **2004-2007**.

Ongoing research

1. Validation of Sudan Cognitive Assessment Test Asliteracy Independent Neuropsychological Battery For Sudanese Patients
2. COVID-19 disease (proposal)
3. Neurogenetics of neurological diseases (proposal)

Editor & Reviewer

1. IUA Faculty of Medicine QSN
2. Reviewer for Sudan Journal of Public Health Journal.
3. Reviewer for Omdurman Medical Journal.
4. Chief Editor of the first & second editions of AMSA conference Publications About Health Challenges facing the African continent 2013, 2014. Supervision of postgraduate & undergraduate research
5. CRCM Case Reports in Clinical Medicine; ISSN Print: 2325-7075/ISSN Online: 2325-7083 (Reviewer)
6. Arab Board Journal (Reviewer)

Supervision of researches

○ I'm supervising postgraduate research for:

1. The master's degree in health & medical education at FM-IUA (Three candidates).
2. The master's degree in health & medical education at SMSB (Two candidates).
3. MD Neurology Postdoctoral Degree (One candidate).
4. MD Internal Medicine thesis SMSB (Two candidates).

○ I supervised postgraduate research for:

1. MD Internal Medicine thesis SMSB (Nine candidates who passed the exam successfully).
2. MD Neurology Postdoctoral Degree (Two candidates).
3. IUA-FM. MBBS Partial Requirement Dissertations (many candidates).
4. MSC Neurology physiotherapy. ALNeelain University Faculty of Physiotherapy (three candidates).

○ I was appointed as an external examiner for:

1. PhD student at Shendi University.
2. PhD student at Alnilian University.
3. MSC Neurology Physiotherapy at ALNeelain University Faculty of Physiotherapy.
4. MSC Public Health at the University of Medical Sciences & Technology.
5. MD Internal Medicine thesis SMSB.

Academic & professional activities:

Impact on Health Professions Education

- Founding member and chairperson of the first committee that laid the first proposal of the SMSB & IUA Master of Medical Education & Health Professions Education
- Member of the Scientific Committee for the Curriculum development & course design of the SMSB & IUA Master of Medical Education & Health Professions Education
- Professor & trainer for the first, second & third batches at IUA
- Professor & trainer for the first, second & third batches at SMSB.
- Taught & conducted many workshops for postgraduate & undergraduate faculty enhancement at SMSB. IUA & other universities for all health professions.
- Supervisor of MHPE Thesis
- Examiner of MHPE Thesis

Impact on neurology service

On returning from London after successfully obtaining a Master's Degree in Neurology, I was posted in 2011 to Ibrahim Malik Teaching Hospital in Khartoum, where I worked as a physician neurologist with duties covering neurology & general medicine. Besides my regular duties, I made some critical contributions to neurology service with impacts on Khartoum State & the rest of Sudan. I advocated for & established an emergency neurology service as the only frontline service of its kind in Khartoum State. This service proved critical & highly beneficial to cases from Khartoum State & referred & casual cases from other states. A 12-month audit in 2014 showed that a total of 987 patients were admitted through this window.

In 2016, I established with my colleagues from **the** Alnailain Faculty of Medicine the Basayr University Center for Neurology & Neuroscience, which provides neurology services for Khartoum Peripheral State's underdeveloped areas. As well as provide structured training for fellow neurologists, internal Medicine, Family Medicine, and psychiatry residents for MD degrees.

I participated actively & enthusiastically with other great neurology colleagues in reestablishing the neurology services at Khartoum Teaching Hospital.

I acted as a team member in developing an MD neurology curriculum as a basis for a new speciality program offered by the Sudan Medical Specialization Board (SMSB). Based on my expertise in curriculum development & planning, I contributed effectively to conceptualising the program & designing the curriculum framework & contents. The leadership of the SMSB has approved the program; three batches are now actively enrolled in neurology & neurosciences training, one batch graduated, & the second batch finished their training. I am actively involved in the training, organisation & supervision of their education, health service & research as a trainer & a member of the SMSB MD Executive Board. The MD neurology graduates marvellously contribute to addressing a critical gap in neurology services in Sudan, especially in the peripheral states.

I have been engaged in training activities beyond my traditional role as a medical school staff. I organised training sessions, seminars, & discussions in neurology for postgraduate residents, medical students, & nurses within my hospital & beyond. Hundreds of health professionals & students benefited from my sessions over the last period. Besides this role, I have extended my neurology awareness & teaching role to the public. I have been invited by a famous cultural centre (Alfaisal Centre) in Khartoum & TV channels to deliver health education sessions to public audiences & respond to the questions and concerns of patients & community members.

Contribution to postgraduate curriculum development

- Member of WHO Taskforce for curriculum Development programmes in SMSB.
- Member of the Curricula committee, which updated the IUA FM MHPE & Anatomy Curriculum.

- Member of the Curricula committee that developed the IUA FM Master of Health Profession Education Curriculum.
- Member of the Curricula Committee who developed SMSB MD Postdoctoral Neurology Speciality
- Member of the Curricula Committee, which updated SMSB MD Internal Medicine.
- Member of the Curricula Committee who updated SMSB MD, Surgery, Obstetrics & Gynaecology, Paediatric, Family Medicine & Medical/Surgical Nursing
- **Internationally:** Developed the Curricula of Postgraduate Studies for the University of Somalia in **2018**
- Participated In MBBS Curriculum Development in different faculties.

Contribution to Postgraduate Residency Training & Assessment

- Developed with other The SMSB Educational Assessment Programme; 2017
- Trainer of MD Internal Medicine Residents/registrar 2009-2010, then from 2012 to present
- Trainer of MD Psychiatry Residents/registrar; 2016.
- Trainer of MD Family Medicine Residents/registrar; 2016.
- Organizer & member of Examination Committee of the First & Second part MD SMSB; 2010.
- Examiner of the Second part of Clinical MD Sudan Medical Specialization Board SPACES; 2015.
- Organizer of Academic meetings & other activities of the Medical registrars during registrarship.
- Supervisor of Postgraduate Research IUA, UMST & Alneelain University.
- External Examiner of Master's degree SMSB, UMST & Alneelain University
- Mentor academic activities of the SMSB /Arab Board medical registrars/residents: clinical rounds, outpatient clinics, inward patient follow-up, clinical meetings, tutorials, staff meetings & ward rounds activities.

Contribution to undergraduate medical education

- Throughout the time of registrarship that I spent in different Teaching Hospitals, I have been involved in teaching medical students.
- Teaching Assistant Faculty of Medicine IUA in Problem-based Learning, Physiology & Internal Medicine Departments 2002-2004; Assistant Professor of Internal Medicine 2008 -2010; then Associate Professor of Medicine & Neurology 2013.
- I have also participated in the exams of the Fifth & Sixth-year medical students
- Lecturer at different medical schools.
- I contributed as one of the OSCE committee members in different medical schools in reforming the final MBBS exams from the old classical long/short cases exams to OSCE.
- Preparing the Written & OSCE for final year medical students in many medical Schools.
- Examiner of the final year medical students at different Sudanese Universities.
- Supervisor of undergraduate Research AHS, FMOH, UMST & IUA
- Coordinator & Co-coordinator of academic modules & courses, Faculty of Medicine IUA
- I have also prepared some hospital management protocols in my Teaching Hospital.
- Chief of the Admission Committee Faculty of Medicine for the year 2010.
- Activities attended by house officers & undergraduates: Regular clinical rounds & outpatient clinics, inward patient follow-up, clinical meetings & tutorials; & contributed actively to the staff meetings & Staff/ ward rounds activities.
- Member of the Curricula committee to update the IUA- FM MBBS curricula & other similar schools

Contribution to nursing & allied health medical education

- Throughout the registrarship & as a consultant in different Teaching Hospitals, I taught the nursing & other paramedical staff.
- I have also participated in the National Exams of the Nursing Schools.

- Lecurar at different medical & paramedical schools.
- Supervisor of undergraduate Research Academy of Health Sciences (AHS)-FMOH.
- Appointed by the WHO as a focal person to design & review curricula of Community Health Workers, Medical assistants, & Midwives for AHS-FMOH, Sudan.
- I revised & developed with other members many new curricula of the AHS-FMOH, Sudan:
 - ✓ *BSc & diploma for medical nurses.*
 - ✓ *BSc & diploma in Medical Assistant.*
 - ✓ *BSc & diploma for Laboratory Assistant*
 - ✓ *BSc & diploma for Public health Assistant*
 - ✓ *BSc & diploma for Professional & Technical Midwives.*
 - ✓ *Technical diploma in Community Midwives.*
 - ✓ *Technical diploma Community Health Workers.*
- I lead the OSCE/OSLER/OSPE committee of the AHS to reform their professional exams

Other books & publications

- PHC Neurology Guidelines Directorate General of Pharmacy-FMoH Sudan (Group Work).
- Protocol of atypical & modified Measles prevention, promotion & treatment-FMOH (Group Work).
- Protocol of Meningitis prevention, promotion & treatment of FMOH. (Group Work).
- Protocol of Hep E prevention, promotion & treatment of FMOH.
- Protocol of Management of Ebola Patients Internal medicine Protocol of Curative Directorate-FMOH
- SMSB Thesis Guidelines; 2015. (Group Work).
- IUA-FM. MHPE Proposal; 2020.
- Haj Mass Gathering Medical Protocol 1st & 2nd Edition (Editor).
- SMSB Educational Assessment Program (Group Work).
- SMSB Curriculum Development Guidelines (Group Work).
- SMSB Course Development Guidelines (Group Work).-----